

Table 6. Summary of New Light-Duty Vehicle Size Class Attributes

Class Attributes	2000				2010				2015				2020			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
Personal Vehicles																
New Fuel Efficiency EPA Rated																
Average New Car.....	28.55	28.55	28.55	28.55	30.46	30.49	30.55	30.43	30.76	30.81	30.60	30.46	31.11	31.11	31.04	30.67
Average New Car On-Road MPG..	24.45	24.45	24.45	24.45	25.61	25.64	25.69	25.58	25.85	25.89	25.73	25.60	26.15	26.16	26.09	25.77
Average New Light Truck.....	19.47	19.47	19.47	19.47	20.21	20.22	20.27	20.21	20.64	20.66	20.56	20.48	21.22	21.20	21.18	20.97
Average New LT On-Road MPG...	15.67	15.67	15.67	15.67	15.95	15.96	16.00	15.95	16.29	16.31	16.23	16.16	16.74	16.73	16.71	16.54
Degradation Factors ..																
Cars.....	0.856	0.856	0.856	0.856	0.841	0.841	0.841	0.841	0.840	0.840	0.841	0.841	0.840	0.841	0.841	0.840
Light Trucks.....	0.805	0.805	0.805	0.805	0.789	0.789	0.789	0.789	0.789	0.789	0.789	0.789	0.789	0.789	0.789	0.789
Fleet Vehicles																
New Fuel Efficiency EPA Rated																
Cars.....	26.25	26.25	26.25	26.25	27.61	27.48	27.43	27.27	27.62	27.50	27.24	27.08	27.69	27.51	27.34	27.02
Light Trucks.....	18.77	18.71	18.71	18.71	19.56	19.41	19.37	19.27	19.98	19.82	19.65	19.54	20.53	20.33	20.23	20.00
Average On Road MPG																
Cars.....	22.19	22.19	22.19	22.19	23.17	23.08	23.04	22.95	23.28	23.16	22.99	22.86	23.29	23.14	22.95	22.78
Light Trucks.....	15.24	15.22	15.22	15.22	15.32	15.22	15.19	15.14	15.63	15.50	15.40	15.31	16.04	15.88	15.77	15.65
New Vehicle Sales Shares (%)																
Conventional Cars																
Minicompact.....	0.004	0.000	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Subcompact.....	0.107	0.107	0.107	0.107	0.104	0.103	0.103	0.102	0.102	0.102	0.101	0.100	0.101	0.100	0.100	0.099
Compact.....	0.448	0.448	0.448	0.448	0.459	0.457	0.456	0.452	0.462	0.460	0.454	0.450	0.464	0.460	0.458	0.449
Mid-Size.....	0.295	0.295	0.295	0.295	0.285	0.286	0.287	0.290	0.282	0.284	0.289	0.292	0.280	0.283	0.285	0.292
Large.....	0.137	0.137	0.137	0.137	0.139	0.140	0.140	0.142	0.140	0.141	0.144	0.145	0.141	0.143	0.144	0.147
Two Seater.....	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Conventional Light Trucks																
Small Pickup.....	0.072	0.072	0.072	0.072	0.069	0.070	0.070	0.071	0.069	0.069	0.070	0.071	0.068	0.069	0.069	0.071
Small Van.....	0.232	0.232	0.232	0.232	0.239	0.238	0.237	0.235	0.241	0.239	0.235	0.233	0.242	0.239	0.237	0.232
Small Utility.....	0.312	0.312	0.312	0.312	0.324	0.325	0.325	0.327	0.329	0.330	0.332	0.334	0.333	0.335	0.336	0.338
Large Pickup.....	0.291	0.291	0.291	0.291	0.272	0.272	0.273	0.273	0.266	0.266	0.267	0.267	0.261	0.262	0.262	0.262
Large Van.....	0.032	0.032	0.032	0.032	0.030	0.030	0.030	0.030	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
Large Utility.....	0.062	0.062	0.062	0.062	0.065	0.065	0.065	0.065	0.066	0.066	0.066	0.066	0.067	0.067	0.067	0.067
New Vehicle Average Horse Power																
Average New Car.....	180.8	180.9	180.9	180.9	233.8	235.5	236.4	239.1	257.4	259.3	263.9	266.6	275.2	278.1	280.4	286.4
Average New Light Truck.....	205.2	205.3	205.3	205.3	262.8	264.4	265.3	268.0	292.0	293.9	298.4	301.0	312.9	315.9	318.1	323.9

AEO98 Reference Case (1), 10-percent Diesel Penetration case (2), 20-percent Diesel Penetration Case (3), and 30-percent Diesel Penetration Case (4).

Source: Energy Information Administration, AEO98 National Energy Modeling System runs AEO98B.D100197A, PCT10.D122997B, PCT20.D122997B, AND PCT30.D122998B.